



520.43063X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Hiroshi NOJIMA  
Serial No.: 10/649,635  
Filed: August 28, 2003  
For: STORAGE OPERATION MANAGEMENT SYSTEM  
Group: 2161  
Examiner: S. Metjahic

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR \$1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 29, 2005

Sir:

In the matter of the above-identified application, Applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Mattingly, Stanger, Malur & Brundidge, Deposit Account No. 50-1417 (referencing attorney docket no. 520.43063X00) please credit any excess fees to such deposit account.

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.



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SHEET 1 OF 1

**FORM PTO-1449** U.S. Department of  
Commerce (Rev. 4/92) Patent and Trademark  
Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**520.43063X00**

SERIAL NO.

**10/649,635**

APPLICANT

**Hiroshi NOJIMA**

FILING DATE

**August 28, 2003**

GROUP

**2161**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<b>2003/0126190 A1</b>	<b>7-2003</b>	<b>WADA et al.</b>			
	<b>2004/0193879 A1</b>	<b>9-2004</b>	<b>SONODA et al.</b>			
	<b>2004/0215879 A1</b>	<b>10-2004</b>	<b>MATSUNAMI et al.</b>			
	<b>2004/0243600 A1</b>	<b>12-2004</b>	<b>IKEDA et al.</b>			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])